

# Higher Education Appropriations Subcommittee

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Governor's Office of Economic Development



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BUSINESS • TOURISM • FILM

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# STRATEGIC WORKFORCE

HIGHER  
EDUCATION

B.S.



HIGHER  
EDUCATION

A.S.



TECHNICAL  
SCHOOLS

ADVANCED  
CERTIFICATE



HIGH  
SCHOOLS

BASIC  
CERTIFICATE



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## START YOUR CAREER MAP AT ANY POINT



### HIGH SCHOOL

- Classes toward BATC Certification
- Classes toward USU Associate's Degree



### BATC CERTIFICATION

- Choose a program from Bridgerland Applied Technology College



**ZACH ALLEN**  
PRE-ENGINEERING  
GRADUATE

### USU - ASSOCIATE'S

- General Technology AAS
- Nursing AAS



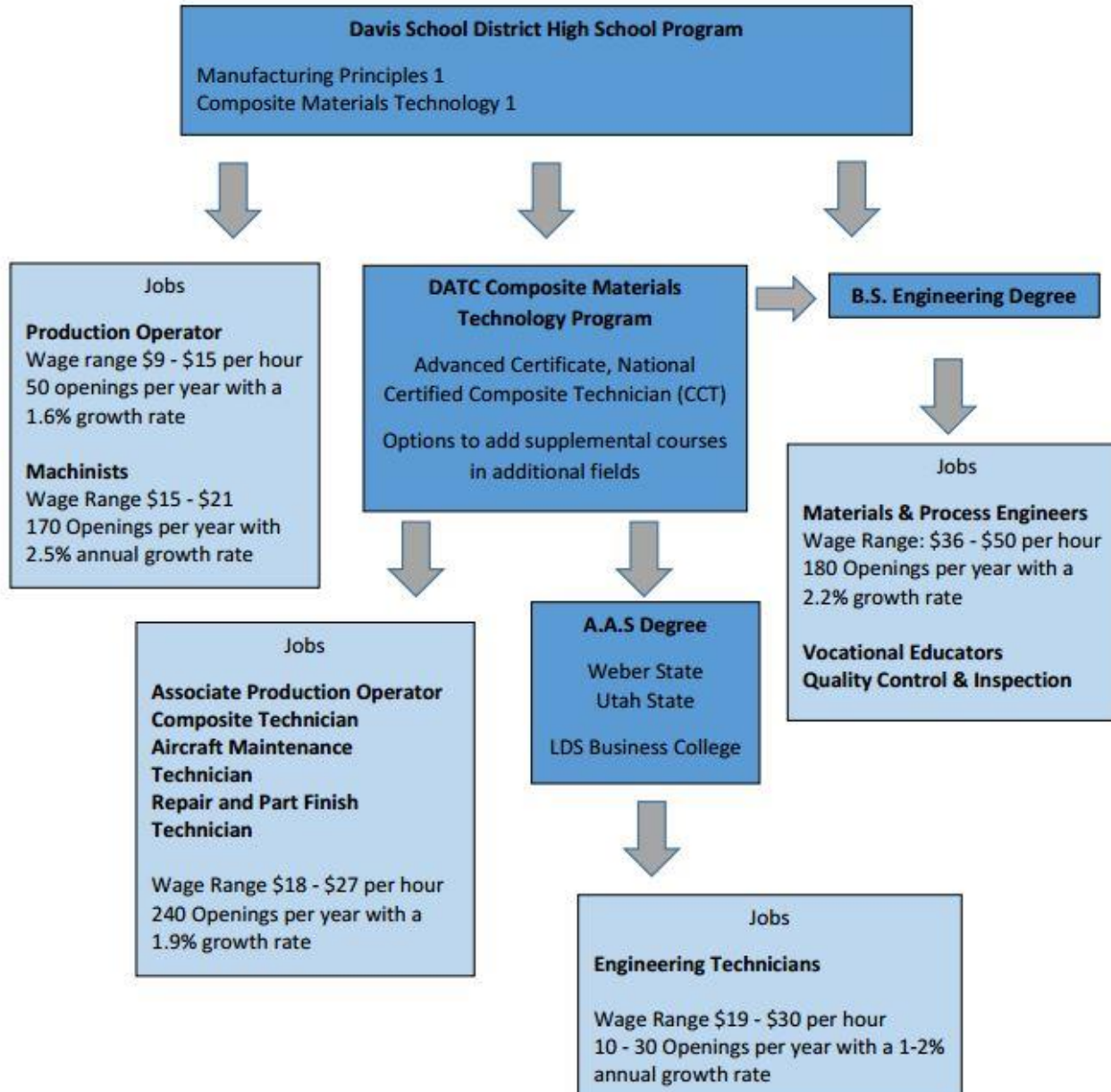
**PATRICK PARKER**  
INSTRUCTIONAL TECHNOLOGY &  
LEARNING SCIENCES GRADUATE

### USU - BACHELOR'S & GRADUATE

- Technology & Engineering Education
- Business Education
- Outdoor Product Design & Development



# STRATEGIC WORKFORCE ON-RAMPS



# Tech STACKS

• Dixie Applied Technology College • Dixie State University

**\$10-20**  
per hour

Entry level  
Programming

Web Design Fundamentals	PHP
Web Interaction Design	Ruby
Javascript	Python
jQuery	iOS w/Swift

Single Course

**\$20-40**  
per hour

Programmer  
Developer  
Designer

Web Front End Stack	Web Design Fundamentals
	Web Interaction Design
	Javascript
	jQuery
Programming Stack	PHP
	Ruby
	Python
	iOS w/Swift

Certificate

**\$20-40**  
per hour

Mid-Management  
Programmer  
Developer  
Designer

**AAS Degree**  
General Ed  
Courses

**DXATC  
Certificate**

Certificate + Degree

**\$50-80+**  
per hour

Senior Programmer  
Upper Management

**Bachelors  
Degree**  
Upper Division  
Courses

**DSU**

**DXATC**



## FIRST YEAR

Certificate of Completion in Composite Manufacturing

Introduction To Composites (Material Cutting, Adhesive Technology, Refrigeration Storage)

Composite Technology II (Vacuum Processing, Vacuum Table Operation, Laser Lay-up)

Industrial Safety

Manufacturing Processes And Design

Aerospace Manufacturing I (Aerospace Quality Control And Standards Training)

Applied Technical Math

Composite Technology III (Autoclave Operation, Paint Prep, And Painting)

Aerospace Manufacturing II (Inventory Control, Packaging And Shipping, Work Order Training)

Expository Composition

Business Communications

Numerical Control Operations

## SECOND YEAR

34 additional credits to complete AAS in Manufacturing Technology

Mechanical CAD Drafting

Industrial Hydraulics

Manufacturing & Automation Technology

Industrial Controls & PLC

Computer Numerical Control Operations Lab

Computer Class (Student Choice)

MTT 2440

Quality Control

Related Oxy-acetylene & Arc Welding

Introductory Chemistry

Introductory Chemistry Lab

# STRATEGIC WORKFORCE

## ON-RAMPS



**WEBER STATE  
UNIVERSITY**



# Thank you

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